

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
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Pantigny, et al. ) Group Art Unit: Unassigned  
 )  
Application No.: Unassigned ) Examiner: Unassigned  
 )  
Filed: Herewith )  
 )  
For: DEVICE FOR CONVERTING A )  
PHOTOSIGNAL INTO A VOLTAGE )  
IN IMAGE SENSORS WITH REMOTE )  
INTEGRATORS )

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows:

**IN THE CLAIMS:**

Please amend claim 3 as follows:

3. (Amended) The image sensor according to claim 1, characterized in that the impedance matching device is connected as close as possible to the input of the integrator.

Please amend claim 4 as follows:

4. (Amended) The image sensor according to claim 1, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) mounted on the input of the integrator.

Please amend claim 5 as follows:

5. (Amended) The image sensor according to claim 1, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) associated with a feedback amplifier (G).

**PLEASE ADD THE FOLLOWING CLAIMS:**

7. The image sensor according to claim 2, characterized in that the impedance matching device is connected as close as possible to the input of the integrator.

8. The image sensor according to claim 3, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) mounted on the input of the integrator.

9. The image sensor according to claim 4, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) associated with a feedback amplifier (G).

**REMARKS**

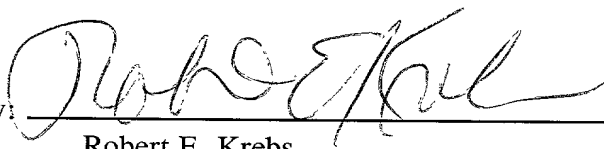
The claims of the subject application have been amended to avoid multiple dependency. Favorable consideration of the subject application is respectfully requested.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

Respectfully submitted,

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

In the claims:

Claim 3-5 have been amended as follows:

3. (Amended) The image sensor according to ~~any of~~ claims 1 ~~to~~ 2, characterized in that the impedance matching device is connected as close as possible to the input of the integrator.
4. (Amended) The image sensor according to ~~any of~~ claims 1 ~~to~~ 3, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) mounted on the input of the integrator.
5. (Amended) The image sensor according to ~~any of~~ claims 1 ~~to~~ 4, characterized in that the impedance matching device includes a common-gate TMOS transistor (T) associated with a feedback amplifier (G).

Claims 7-9 have been added.